

AAMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 1, line 7, as follows:

It is ~~known~~known to provide data processing systems which manipulate secure data and for which it is desirable to ensure a high degree of security. As an example, it is known to provide smart cards which include a data processing system which manipulates secure data, such as secret cryptographic keys, and this data must be kept secret in order to prevent fraud.

CM
8-21-2007
Please amend the paragraph beginning at page 1, line ²³~~18~~, as follows:

~~Viewed from one aspect the present invention provides apparatus~~Apparatus for processing data under control of data processing instructions specifying data processing operations, ~~said apparatus comprising~~comprises:

CM
8-21-2007
Please amend the paragraph beginning at page ¹⁰~~1~~, line ⁸~~32~~, as follows:

~~The invention recognizes that within~~Within a system having at least some instructions of an instruction set which may be executed by more than one execution mechanism, the power signature and other characteristics associated with those instructions can be masked by pseudo randomly selecting different execution mechanisms for the instructions. As an example, if an instruction may be either natively by dedicated hardware or emulated by other software running on the hardware, then this technique pseudo randomly switches between these mechanisms. As well as disguising the power signature associated with the execution of the instruction, the timing of the execution is also markedly altered.